PATENT COOPERATION TREATY

REC'D	1	3	MAR	2006
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INTERNATIONAL PRELIMINARY REPORT ON PATENTABILITY (Chapter II of the Patent Cooperation Treaty)

(PCT Article 36 and Rule 70)

Applicant's or agent's file reference	FOR FURTHER ACTION		See Form PCT/IPEA/416					
- Landing No	International filing date (day/month/year)		Priority date (day/month/year)					
International application No.	24 November 2004 (24.11.20		26 November 2003 (26.11.2003)					
PCT/US04/39540 24 November 2004 (24.11.2004) 25 November 2004 (24.11.2004) International Patent Classification (IPC) or national classification and IPC								
IPC: H01S 1/06(2006.01);H03L 7/26(2006.01)								
USPC: 331/94.1								
Applicant								
1. This report is the international preliminary examination report, established by this International Preliminary Examining Authority under Article 35 and transmitted to the applicant according to Article 36.								
		luding this cover s	heet.					
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	panied by ANNEXES, comp		cheate as follows:					
a (sent to the application)	ant and to the International	Bureau) a total of	SHEELS, as follows:					
sheets of the description, claims and/or drawings which have been amended and are the basis of this report and/or sheets containing rectifications authorized by this Authority (see Rule								
70.16 and Section 607 of the Administrative Instructions).								
amendment that goes beyond the disclosure in the international appreciation as most, as								
indicated in item 4 of Rox No. I and the Supplemental Box.								
the state of (indicate type and number of electronic carrier(s))								
b. (sent to the International Bureau only) a total of (indicate type and indicate ty								
Administrative Instructions).								
the size a soleting to the following items:								
1	N N N N N N N N N N N N N N N N N N N							
	Box No. II Priority							
Box No. III Non-establishment of opinion with regard to novelty, inventive step and industrial applicability								
	Box No. IV Lack of unity of invention							
Box No. V Reasoned statement under Article 35(2) with regard to novelty, inventive step of industrial applicability; citations and explanations supporting such statement								
1	Certain documents cited							
Box No. YII	- Continue C							
Box No. VIII	in the state of th							
Date of submission of the demand		Date of completion	on of this report					
2000		27 February 2006 (27.02.2006)						
21 June 2005 (21.06.2005) Name and mailing address of the IPEA/ US		Authorized officer						
Mail Stop PCT, Attn: IPEA/US		David Mis						
Commissioner for Patents P.O. Box 1450								
Alexandria, Virginia 22313-14 Facsimile No. (571) 273-3201		Telephone No. (5	71)272-1650					

Form PCT/IPEA/409 (cover sheet)(April 2005)

V

INTERNATIONAL PRELIMINARY REPORT ON PATENTABILITY

International application No.	_
PCT/US04/39540	

1. With regard to the language, this report is based on: the international application in the language in which it was filed. a translation of the international application into					
a translation of the international application into, which is the language of a translation furnished for the purposes of: international search (under Rules 12.3 and 23.1(b)) publication of the international application (under Rule 12.4(a)) international preliminary examination (under Rules 55.2(a) and/or 55.3(a)) 2. With regard to the elements of the international application, this report is based on (replacement sheets which have been furnished to the receiving Office in response to an invitation under Article 14 are referred to in this report as "originally filed" and are not annexed to this report): the international application as originally filed/furnished the description: pages 1-9 as originally filed/furnished pages* NONE received by this Authority on pages 10-12 as originally filed/furnished pages* NONE received by this Authority on pages* NONE as a mended (together with any statement) under Article 19 pages* NONE received by this Authority on pages* NONE received by this Authority on pages* NONE received by this Authority on					
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I IXI the drawings.					
the drawings: pages 1/5-5/5 as originally filed/furnished					
pages* NONE received by this Authority on					
pages* NONE received by this Authority on					
a sequence listing and/or any related table(s) - see Supplemental Box Relating to Sequence Listing.					
3. The amendments have resulted in the cancellation of:					
the description, pages					
the claims, Nos					
the drawings, sheets/figs					
the sequence listing (specify):					
any table(s) related to the sequence listing (specify):					
4. This report has been established as if (some of) the amendments annexed to this report and listed below had not been made, since they have been considered to the since					
the description, pages					
the claims, Nos.					
the drawings, sheets/figs					
the sequence listing (specify):					
any table(s) related to the sequence listing (specify):					
* If item 4 applies, some or all of those sheets may be marked "superseded."					

INTERNATIONAL PRELIMINARY REPORT ON PATENTABILITY

International application No. PCT/US04/39540

Box No. V Reasoned statement under Article 35(2) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement						
1. Statement		•				
Novelty (N)	Claims	1-12	YES			
Moverty (14)		NONE	NTO 1			
Januarina Stan (IS)	Claims	1-12	YES			
Inventive Step (IS)		NONE	3.50			
T. I. and Amelian billion (TA)	Claims	1-12	YES			
Industrial Applicability (IA)	Claims	NONE	NO			
2. Citations and Explanations (Rule 70.7) Claims 1-9 meet the criteria set out in PCT Article the circularly-polarized beam is controlled by rotatic Claims 10-12 meet the criteria set out in PCT Article determining bei ng repeated until a desired intended in the Claims 1-12 the criteria set out in PCT Article 336 made or used in industry.	the 33(2)-(3), be asity has been o	ecause the prior art does not teach of btained	r fairly suggest rotating			

Form PCT/IPEA/409 (Box No. V) (April 2005)